

JAR-856-2363

12 March 1968

TO: Bruce B. ✓  
cc: Dave W., Bob B.

SUBJECT: Progress Report  
Contract Nos. DC-CT-1503 and DC-TM-1504  
1 February thru 29 February 68

1.0 Contract DC-CT-1503

1.1 Life Rafts, 16 ea ordered on PR-GN-68-08-15-004

All of the coated yellow material has been received and we expect to complete delivery of the eight (8) each yellow rafts on or before 8 March 68.

The coated fabric supplier has notified us of a delay of two (2) weeks in supplying the coated green material. However, he has assured us that we will be in receipt of the entire order by 5 March 68.

Two (2) each green rafts will be shipped on or before 22 March 68 and two (2) each every week thereafter until completion of order.

2.0 Contract DC-TM-1504

2.1 Sustaining Engineering Services, W/O-GN-68-11-27-008

The raft specifications are expected to be completed on or before 22 March 68.

Because of a reported field problem, a raft/seat kit packaging procedure was started. However, after two raft drop tests the reported problem resolved itself.

During this reporting period three (3) drop tests were performed at

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Drop #1 - The kit deployed satisfactorily at 6200 ft. On reporting this test, the temperature, time and pressure readings were unreliable and were omitted.

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Drop #2 - The kit deployed at 6000 ft. After two (2) minutes to touchdown (4450 ft elevation), the main cell pressure was checked at 212 MM/Hg. The transfer pin was pulled and entire raft was inflated to 126 MM/Hg in three (3) seconds. The temperature was 65°F.

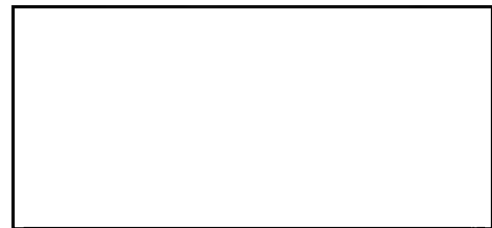
Drop #3 - The kit failed to deploy due to a mechanical malfunction. At this time, the field reports indicate the raft is satisfactory. Two more drop tests are anticipated at

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Considerable effort has been spent on investigating and evaluating coated fabrics to meet the MIL specification on life rafts. No suitable material has been found to date that will satisfactorily meet the -65°F cold soak qualification test of MIL-L-8664B(WP). Therefore the specification for this raft is being revised to a -20°F cold soak test which can be met.

It is not apparent that under operational conditions the raft would be subjected to a prolonged period of -20°F environment.

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## ITEMS REMAINING TO BE DELIVERED 1 March 1968

New Equipment and Spare Parts  
Contract No. DC-CT-1503

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<u>Purchase Request No.</u>	<u>Customer</u>	<u>Description</u>	<u>Estimated Delivery Date</u>
PR-GN-68-08-15-004	1	4 ea GN16000G-01ECOOO Life Raft (yellow) 8 ea GN16000G-01ABOOO Life Raft (green)	8 March 68 2 ea 22 Mar. Bal by 22 Apr. 68
Awaiting PR	1	2 ea GN ACS-A654B Flange, Glove Disconnect Molded	Shipped 27 Dec. 67
PR-GN-68-12-28-014	1	12 ea GN K36 Coverlayer Mod Kits	1 March 68
Awaiting PR	1	2 ea GN 10012G01 Valve Assy Kit, l/h Bearing	29 March 68
PR-GN-68-02-08-015	1	6 ea GN ACS-C2312 Modified Face Mask	25 March 68
Awaiting PR	1	12 ea GN PA2509 Undershirt, sage green 12 pr GN P628T Drawers, sage green 12 pr GN P1917 Socks, wool/nylon, 6 ea. Size 10, 12	1 April 68 1 April 68 11 March 68